



National Aeronautics and  
Space Administration

**Principal Center for Regulatory Risk Analysis and Communication**

# Regulatory Tracking Summary

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**13 December 2013**

This report summarizes regulatory items reviewed by the NASA RRAC PC and includes items with direct applicability to NASA facilities and operations, as well as items of general interest. Notes and comments by the RRAC PC are shown in bold, blue text under "Description." Related documents and citations, such as "78 FR 51967," are linked to the appropriate document for quick access. Suggested follow-up actions are noted with significant items; users are advised that other follow-up actions may be appropriate for their program or facility.

Members of the NASA stakeholder community who are interested in receiving regulatory updates and alerts by e-mail may self-enroll at <https://lists.nasa.gov/mailman/listinfo/rrac>. Previous issues of this regulatory summary and other materials are archived on the RRAC PC website at <http://www.nasa.gov/offices/rrac/home/>.

Comments, questions, suggestions, and requests for further information should be directed to the RRAC PC Manager, Sharon Scroggins at 256-544-7932 ([sharon.scroggins@nasa.gov](mailto:sharon.scroggins@nasa.gov)).

# Contents of This Issue

<b>Acronyms and Abbreviations</b>	<b>3</b>
<b>1.0 U.S. Federal Regulatory Review</b>	<b>4</b>
1.1 Federal Register Summary	4
1.2 Other News and Developments	5
1.2.1 <i>Protection of Stratospheric Ozone: Adjustments to the Allowance System for Controlling HCFC Production, Import, and Export</i>	5
1.2.2 <i>Watershed Management Optimization Support Tool</i>	5
1.2.3 <i>NASA Releases Updated Sustainability Plan</i>	6
1.2.4 <i>2013 California Governor's Environmental and Economic Leadership Awards</i>	6
1.2.5 <i>Updates on the Antarctic Ozone Hole</i>	6
1.2.6 <i>USDA and EPA Water Quality Trading Partnership</i>	6
1.2.7 <i>United States Wetlands Trends and Status Report</i>	6
1.2.8 <i>Enforcement Compliance History Online (ECHO) Updated</i>	6
1.2.9 <i>DOD INRMP Implementation Manual</i>	7
1.2.10 <i>Mercury Remediation in Aquatic Environments</i>	7
1.2.11 <i>Green Infrastructure Webcast Series</i>	7
1.2.12 <i>Inaugural NCCWSC Report</i>	7
1.2.13 <i>CALPUFF Air Dispersion Modeling Software Updated</i>	8
<b>2.0 State Regulatory Reviews</b>	<b>9</b>
2.1 Alabama State Regulatory Review	9
2.2 California State Regulatory Review	9
2.2.1 <i>California Air Districts Regulatory Review</i>	11
2.2.1.1 <i>Antelope Valley Air Quality Management District</i>	11
2.2.1.2 <i>Bay Area Air Quality Management District</i>	11
2.2.1.3 <i>Eastern Kern Air Pollution Control District</i>	11
2.2.1.4 <i>Mojave Desert Air Quality Management District</i>	11
2.2.1.5 <i>South Coast Air Quality Management District</i>	12
2.2.1.6 <i>Ventura County Air Pollution Control District</i>	12
2.3 Florida State Regulatory Review	13
2.4 Louisiana State Regulatory Review	14
2.5 Maryland State Regulatory Review	14
2.6 Mississippi State Regulatory Review	14
2.7 New Mexico State Regulatory Review	15
2.8 Ohio State Regulatory Review	15
2.9 Texas State Regulatory Review	15
2.10 Utah State Regulatory Review	15
2.11 Virginia State Regulatory Review	16

# Acronyms and Abbreviations

AAC = Alabama Administrative Code  
 AAM = *Alabama Administrative Monthly*  
 APCR = Allowance price containment reserve  
 AQ = Air quality  
 ARB = Air Resources Board  
 ARC = Ames Research Center  
 CALMET = California Meteorological Model  
 CALPUFF = California Puff Model  
 CCAA = Candidate Conservation Agreement with Assurances  
 CCR = *California Code of Regulations*  
 CFR = *Code of Federal Regulations*  
 CRNR = California Regulatory Notice Register  
 CDX = Central Data Exchange  
 CISS = Chemical Information Submission System  
 COMAR = *Code of Maryland Regulations*  
 CSC = Climate Science Center  
 CWA = Clean Water Act  
 DAPC = Division of Air Pollution Control  
 DFRC = Dryden Flight Research Center  
 DOD = U.S. Department of Defense  
 DODM = Department of Defense Manual  
 DOI = U.S. Department of Interior  
 EA = Environmental assessment  
 ECHO = Enforcement Compliance History Online  
 EIS = Environmental impact statement  
 EO = Executive order  
 EPA = U.S. Environmental Protection Agency  
 F.A.C. = Florida Administrative Code  
 FAR = *Florida Administrative Register*  
 FDEP = Florida Department of Environmental Protection  
 FERC = Federal Energy Regulatory Commission  
 FR = *Federal Register*  
 FY = Fiscal year  
 GEELA = Governor's Environmental and Economic Leadership Award  
 GHG = Greenhouse gas  
 GRC = Glenn Research Center  
 HCFC = Hydrochlorofluorocarbon  
 INRMP = Integrated Natural Resources Management Plan  
 JPL = Jet Propulsion Laboratory  
 LAC = Louisiana Administrative Code  
 LEED = Leadership in Energy and Environmental Design  
 LID = Low impact development  
 Md.R. = *Maryland Register*  
 MSFC = Marshall Space Flight Center  
 NAA = Nonattainment area  
 NAAQS = National Ambient Air Quality Standards  
 NASA = National Aeronautics and Space Administration  
 NASA-HQ = National Aeronautics and Space Administration Headquarters

NCCWSC = National Climate Change and Wildlife Science Center  
 NCISR = National Critical Infrastructure Security and Resilience  
 NEPA = National Environmental Policy Act  
 NMAC = New Mexico Administrative Code  
 NOAA = National Oceanic and Atmospheric Administration  
 NSPS = New Source Performance Standard  
 NSR = New Source Review  
 OEHA = Office of Environmental Health Hazard Assessment  
 OEPA = Ohio Environmental Protection Agency  
 PAL = Plantwide applicability limit  
 PM<sub>2.5</sub> = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less  
 ppb = Parts per billion  
 PSD = Prevention of Significant Deterioration  
 PSM = Process Safety Management  
 R&D = Research and development  
 RACM = Reasonably available control measure  
 RACT = Reasonably available control technology  
 RFP = Reasonable further progress  
 RIN = Regulatory Identification Number  
 RRAC PC = Principal Center for Regulatory Risk Analysis and Communication  
 SCAQMD = South Coast Air Quality Management District  
 SGIA = Small Generator Interconnection Agreement  
 SBIP = Small Generator Interconnection Procedure  
 SIL = Significant impact level  
 SIP = State Implementation Plan  
 SMC = Significant monitoring concentration  
 SO<sub>2</sub> = Sulfur dioxide  
 SSI = Sewage sludge incinerator  
 Suomi-NPP = Suomi National Polar-orbiting Partnership  
 TSCA = Toxic Substances Control Act  
 UMAM = Uniform Mitigation Assessment Method  
 U.S. = United States  
 USDA = U.S. Department of Agriculture  
 USFWS = U.S. Fish and Wildlife Service  
 USGS = U.S. Geological Survey  
 UST = Underground storage tank  
 VAC = Virginia Administrative Code  
 VA.R. = *Virginia Register*  
 VCAPCD = Ventura County Air Pollution Control District  
 VDEQ = Virginia Department of Environmental Quality  
 WFF = Wallops Flight Facility  
 WMOST = Watershed Management Optimization Support Tool  
 WSTF = White Sands Testing Facility

## 1.0 U.S. Federal Regulatory Review

### 1.1 Federal Register Summary

This summary includes FR items that were reviewed for potential impacts to NASA Centers and related operations.

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED121313-1	Air PM <sub>2.5</sub>	12/09/2013	<a href="#">78 FR 73698 HTML   PDF</a>	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Prevention of Significant Deterioration for Particulate Matter Less Than 2.5 Micrometers—Significant Impact Levels and Significant Monitoring Concentration (SMC): Removal of Vacated Elements [40 CFR Parts 51 and 52]</p> <p>Finalizes amendments to remove vacated PM<sub>2.5</sub> SILs and SMC provisions from the PSD regulations. Effective 12/09/2013. [RIN 2060-AR99]</p> <p><b>Additional information regarding the implications of the U.S. Court of Appeals' decision to vacate PSD provisions is available on EPA's website and fact sheet.</b></p>	
FED121313-2	Energy Generators	12/05/2013	<a href="#">78 FR 73239 HTML   PDF</a>	Final Rule	<p>Federal Energy Regulatory Commission</p> <p>Small Generator Interconnection Agreements and Procedures [18 CFR Part 35]</p> <p>Finalizes the following amendments to the pro forma SGIP and SGIA:</p> <ul style="list-style-type: none"> <li>▪ Incorporates provisions to allow the Interconnection Customer to request from the Transmission Provider a pre-application report on system conditions.</li> <li>▪ Revises the threshold for participating in the Fast Track Process.</li> <li>▪ Revises the process following failures of the Fast Track Process screens.</li> <li>▪ Revises the pro forma SGIP Facilities Study Agreement to allow the Interconnection Customer to provide written comments to the Transmission Provider regarding upgrades required for interconnection.</li> <li>▪ Addition of energy storage devices in the pro forma SGIP and SGIA.</li> </ul> <p>Effective 02/03/2014.</p> <p><b>Additional information is available at the FERC website.</b></p>	
FED121313-3	Policy Energy	12/10/2013	<a href="#">78 FR 75209 HTML   PDF</a>	Notice	<p>Executive Office of the President</p> <p>Federal Leadership on Energy Management</p> <p>Establishes new federal goals related to renewable energy use and energy management. Sets a target date of FY 2020 by which 20 percent of total electric energy consumed by each federal agency will be renewable energy and provides detailed direction toward achieving this goal. Also, directs agencies to update building-performance and energy-management practices, including the installation of energy and water meters where cost-effective and appropriate.</p>	<b>NASA HQ and Centers should be aware of this action.</b>

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED121313-4	Process Safety	12/09/2013	<a href="#">78 FR 73756 HTML   PDF</a>	Notice	Occupational Safety and Health Administration Process Safety Management (PSM) and Prevention of Major Chemical Accidents [29 CFR Part 1910] Solicits comments about potential future revisions to the PSM and Explosives and Blasting Agents standards, Flammable Liquids standard, Spray Finishing standard, and PSM enforcement policies in support of <a href="#">EO 13650: Improving Chemical Facility and Security (78 FR 48029, 08/07/2013)</a> . Comments due 03/10/2014. [RIN 1218-AC82]	<a href="#">NASA Centers and related facilities</a> should be aware of this action.
FED121313-5	Sustainability	12/05/2013	<a href="#">78 FR 73202 HTML   PDF</a>	Notice	Department of Homeland Security Review and Revision of the National Critical Infrastructure Security and Resilience (NCISR) Research and Development (R&D) Plan Outline and Specific Questions Regarding the Content Solicits comments about the NCISR R&D Plan outline and content, specific to both cyber and physical components, systems, and networks for the sixteen established "critical infrastructures". Comments due 01/06/2014.	
FED121313-6	Toxic Substances Reporting	12/04/2013	<a href="#">78 FR 72818 HTML   PDF</a>	Final Rule	U.S. Environmental Protection Agency Electronic Reporting Under the Toxic Substances Control Act [40 CFR Parts 712, 716, 720, 721, 723, 725, 766, 790, and 799] Finalizes the following amendments to the TSCA reporting requirements: <ul style="list-style-type: none"> <li>▪ Electronic reporting requirements for information submitted under TSCA</li> <li>▪ Required use of EPA's CDX and the CISS web-based reporting tool for submittal of forms, reports, and certain other documents.</li> </ul> Effective 03/04/2014. [RIN 2070-AJ75]	<a href="#">NASA-related facilities required to submit reports under TSCA</a> should be aware of this action.

## 1.2 Other News and Developments

### 1.2.1 Protection of Stratospheric Ozone: Adjustments to the Allowance System for Controlling HCFC Production, Import, and Export

EPA has posted a [prepublication version](#) of proposed amendments to the allowance system that controls consumption and production of hydrochlorofluorocarbons (HCFCs) in the United States. Under Title VI of the Clean Air Act (40 CFR Part 82), EPA is required to [phase out](#) production and import of HCFCs in accordance with the [Montreal Protocol on Substances that Deplete the Ozone Layer](#). The proposed rule addresses issues related to production and consumption restrictions on HCFCs, as well as requirements such as labeling and reclamation. Significantly, EPA also is proposing to allow the use of unused, unreclaimed HCFC 225 in solvent cleaning applications after its phase-out date of 01 January 2015, as long as the material is purchased and entered into the end-user's inventory prior to that date.

Comments on the proposed rule will be due 30 days after it is published in the *Federal Register*. Additional information, including an [overview memorandum](#), is available for review on EPA's [website](#).

### 1.2.2 Watershed Management Optimization Support Tool

EPA has [released](#) the Watershed Management Optimization Support Tool ([WMOST](#)) in support of watershed modeling efforts. The WMOST compares sustainable management practices for watersheds that address stormwater, water supply, wastewater, low impact development ([LID](#)), and land conservation. The intent of the tool is to assist watershed planners in evaluating cost-

effective options for specific watersheds. [Theoretical documentation](#) is available for review. Additional information is available on the EPA Science Inventory [website](#).

### 1.2.3 NASA Releases Updated Sustainability Plan

[NASA](#) and 37 other federal agencies have released their [2013 Strategic Sustainability Performance Plans](#). Under Executive Order (EO) [13514](#), federal agencies annually must update a plan that summarizes actions to achieve objectives under the EO. Each plan includes sustainability goals and a progress report for achieving these goals, lessons learned and challenges, and planned actions.

### 1.2.4 2013 California Governor's Environmental and Economic Leadership Awards

On 10 December 2013, 13 California organizations [received](#) Governor's Environmental and Economic Leadership Awards (GEELAs). This award recognizes organizations contributing to the development of a sustainable environment by creatively addressing significant environmental challenges. NASA's Ames Research Center (ARC) received an award in the category of Sustainable Practices or Facilities for construction of the [NASA Ames Sustainability Base](#), the first federal facility to receive a Leadership in Energy & Environmental Design (LEED) Platinum rating. The Ames Sustainability Base also incorporates a graywater reclamation system and an intelligent adaptive control system. The full list of 2013 recipients is available on the GEELA [website](#).

### 1.2.5 Updates on the Antarctic Ozone Hole

NASA recently [presented](#) new information about the recurring ozone hole that forms above Antarctica. Using data collected by the NASA-NOAA Suomi National Polar-orbiting Partnership ([Suomi-NPP](#)) satellite, scientists at NASA's Goddard Space Flight Center generated detailed maps of ozone levels above Antarctica at varying altitudes. The three-dimensional maps revealed that the ozone hole is more complex than originally believed. Despite worldwide reductions of chlorine over the past 20 years, the ozone hole has not yet significantly recovered. Analysis of data obtained by Suomi-NPP indicated that Earth's meteorology and wind patterns perform a more significant role in ozone transportation than previously believed. The two-dimensional ozone maps generated from the limited data previously available gave an incomplete picture of ozone concentrations and led scientists to believe that the ozone hole had begun to recover.

### 1.2.6 USDA and EPA Water Quality Trading Partnership

The U.S. Department of Agriculture ([USDA](#)) and EPA [announced](#) an agreement to support water quality trading. Water quality trading would allow entities regulated by the Clean Water Act (CWA) to purchase and use pollution reduction credits generated by other sources in a watershed. Under this agreement, USDA and EPA will collaborate and coordinate policies that promote and accelerate water quality trading within the U.S.

### 1.2.7 United States Wetlands Trends and Status Report

On 21 November 2013, the U.S. Fish and Wildlife Service ([USFWS](#)) and the National Oceanic and Atmospheric Administration ([NOAA](#)) [announced](#) the availability of a [report](#) summarizing the current status of coastal and Great Lakes' shoreline wetlands within the U.S. The report is intended to assist decision making regarding coastal wetland management. Further information is available on the USFWS [website](#).

### 1.2.8 Enforcement Compliance History Online (ECHO) Updated

EPA has updated the Enforcement Compliance History Online ([ECHO](#)) database. ECHO contains publicly available data from EPA's compliance and enforcement databases. New features available

in ECHO 2.0 include customizable data columns, satellite imagery for base maps, and a more user-friendly search engine. Additional features and information are available on the updated ECHO [website](#).

### 1.2.9 DOD INRMP Implementation Manual

The U.S. Department of Defense recently [released](#) the Department of Defense Manual (DODM) 4715.03, Integrated Natural Resources Management Plan (INRMP) Implementation Manual. DODM 4715.03 establishes guidance for preparing, maintaining, and implementing INRMPs while maintaining mission activities. INRMPs are important tools used to manage natural resources (including federal or state threatened or endangered species) while maintaining operational and mission capabilities. INRMPs often include planning surveys of endemic species and delineate the roles and procedures for cooperation between the host installation, federal and state natural resources regulatory bodies (such as the U.S. Forest Service and USFWS).

### 1.2.10 Mercury Remediation in Aquatic Environments

EPA Region 9 recently [hosted](#) a workshop and webinar to share mercury remediation techniques, as well as the effects of each technique on the level of mercury found in fish tissue. Meeting materials, archives, and related information are available on EPA's Contaminated Site Clean-Up Information [website](#).

### 1.2.11 Green Infrastructure Webcast Series

EPA's Green Infrastructure ([GI](#)) program has scheduled a series of bi-monthly [webinars](#) focusing on GI implementation. The GI approach encourages use of natural processes, such as vegetation, soil, and synthetic structures to manage stormwater and for flood mitigation. The tentative 2014 webinar schedule is available in the following table:

Course	Training Date
Operation and Maintenance (O&M) and Green: Best Practices for GI Operation and Maintenance	01/07/2014
Case Studies: Implementing GI under Enforcement Orders	03/04/2014
More Bang for the Buck: Integrating GI into Existing Public Works Projects	05/06/2014
	<b>Date TBD:</b>
GI and Climate Change	07/2014
GI and Smart Growth	09/2014
Innovative Financing for GI	11/2014
Green Infrastructure for Localized Flood Mitigation	12/2014

[Registration](#) is required to attend the webinars. Archived webinars are available on the GI [website](#).

### 1.2.12 Inaugural NCCWSC Report

On 14 November 2013, the U.S. Geological Survey ([USGS](#)) National Climate Change and Wildlife Science Center ([NCCWSC](#)) and the U.S. Department of Interior ([DOI](#)) Climate Science Centers ([CSCs](#)) [announced](#) the availability of the inaugural [NCCWSC report](#). NCCWSC manages the regional DOI CSCs, which are organizations that perform scientific investigations, supply natural resource managers with data, and provide training for graduate students. The report presents a history of NCCWSC and the CSCs and outlines the activities and goals of the organizations.

### 1.2.13 CALPUFF Air Dispersion Modeling Software Updated

On 04 December 2013, EPA released Version 5.8.4 of the [CALPUFF](#) and CALMET Modeling System. CALPUFF is an EPA-approved, non-steady-state puff dispersion model that simulates effects of certain meteorological conditions on pollution transport, transformation and removal. The modeling system consists of the following components:

- CALMET: diagnostic 3-dimensional meteorological model
- CALPUFF: air quality dispersion model
- CALPOST: post-processing package

The [new version](#) includes "bug fixes," enhancements, and new features. EPA has only approved the updates labeled as "bug fixes." The EPA-approved version of CALPOST remains version 6.221.



## 2.0 State Regulatory Reviews

The following sections provide details about the regulatory actions reviewed for selected states in which NASA facilities and related operations are located.

### 2.1 Alabama State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Alabama](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
AL121313-1	Storage Tanks USTs	11/27/2013	<a href="#">AAM XXXII, Vol. 2</a>	Proposed Rule	<p>Alabama Department of Environmental Management</p> <p>Technical Standards, Corrective Action Requirements, and Financial Responsibility for Owners and Operators of Underground Storage Tanks [AAC 335-6-15]</p> <p>Proposes to amend AAC 335-6-15, which would include revisions to the following:</p> <ul style="list-style-type: none"> <li>▪ Definitions for "cathodic protection system" and "routine maintenance"</li> <li>▪ UST component installation</li> <li>▪ Spill catchment basin test procedures</li> <li>▪ Weekly tank gauging requirements</li> <li>▪ Pressurized and suction piping release detection requirements</li> <li>▪ Line testing requirements</li> <li>▪ Tightness testing requirements</li> <li>▪ Tank closure requirements</li> </ul> <p><a href="#">Proposed rule text</a> and <a href="#">summary of reasons</a> are available for review. Comments due 01/09/2014.</p>	<b>MSFC</b> should be aware of this action.

### 2.2 California State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [California](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA121313-1	Air Cap-and-Trade	12/02/2013	<a href="#">ARB Website</a>	Notice	<p>California Air Resources Board</p> <p>California Cap-and-Trade Program 2013 Reserve Sale</p> <p><a href="#">Announces</a> the 2013 GHG allowance reserve sale, during which the ARB will offer APCR allowances for sale. Reserve sale is scheduled for 12/31/2013.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA121313-2	Air Cap-and-Trade	12/02/2013	<a href="#">ARB Website</a>	Notice	<p>California Air Resources Board</p> <p>California Cap-and-Trade Program 2014 Annual Auction Reserve Price Notice</p> <p><a href="#">Announces</a> availability of the following information and data regarding 2014 Cap-and-Trade program auctions:</p> <ul style="list-style-type: none"> <li>2014 Auction Reserve Price of \$11.34 per allowance</li> <li>Number of allowances to be auctioned in 2014</li> <li>Price and quantity of APCR allowances to be offered at the 2014 reserve sale.</li> </ul> <p>The 2014 quarterly auctions are scheduled for the following dates:</p> <ul style="list-style-type: none"> <li>02/19/2014</li> <li>05/16/2014</li> <li>08/18/2014</li> <li>11/19/2014</li> </ul>	
CA121313-3	Air SIP-Lead	12/11/2013	<a href="#">78 FR 75293 HTML</a>   <a href="#">PDF</a>	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Implementation Plans; State of California; 2012 Los Angeles County State Implementation Plan for 2008 Lead Standard [40 CFR Part 52]</p> <p>Proposes to approve the following elements of California's attainment SIP for the Los Angeles County Lead NAA under the 2008 Lead NAAQS:</p> <ul style="list-style-type: none"> <li>Base year emissions inventory</li> <li>Attainment demonstration</li> <li>RACM and RACT demonstration</li> <li>RFP demonstration</li> <li>Contingency measures</li> </ul> <p>Comments due 01/10/2014.</p> <p><b>A portion of Los Angeles County (excluding the high desert areas, San Clemente, and Santa Catalina Islands) was identified as an area that did not meet the 2008 Lead NAAQS in 2010.</b></p>	<b>DFRC and JPL</b> should be aware of this action.
CA121313-4	Toxic Substances Proposition 65	12/05/2013	<a href="#">CRNR 2013, 50z, p. 1993</a>	Final Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Chemicals Delisted as Known to Cause Reproductive Toxicity [27 CCR 25904]</p> <p>Removes the following five chemicals from the list of chemicals known to the state to cause reproductive toxicity:</p> <ul style="list-style-type: none"> <li>Tert-amyl methyl ether</li> <li>2-Ethylhexanoic acid</li> <li>Ethyl-tert-butyl-ether</li> <li>p,p'-Oxybis(benzenesulfonyl hydrazide)</li> <li>1,3,5-Triglycidyl-s-triazinetriene</li> </ul> <p>Effective 12/13/2013.</p> <p><b>Additional information about this action is available on the OEHA website.</b></p>	
CA121313-5	Toxic Substances Proposition 65	12/12/2013	<a href="#">CRNR 2013, 50z, p. 1974</a>	Notice	<p>Office of Environmental Health Hazard Assessment</p> <p>Chemicals Known to the State to Cause Cancer or Reproductive Toxicity</p> <p>Announces availability of the updated <a href="#">list</a> of substances known to the state to cause cancer or reproductive toxicity.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA121313-6	Toxic Substances Proposition 65	12/12/2013	<a href="#">OEHHA Website</a>	Final Rule	Office of Environmental Health Hazard Assessment Notice to Change the Basis for Listing for: 2-Chloropropionic Acid, N,N'-Dimethylacetamide, 4-Vinyl-Cyclohexene, and Vinyl Cyclohexene Dioxide as Known to the State of California to Cause Reproductive Toxicity [27 CCR 25305]  Changes the basis for listing of the following chemicals as known to the state to cause reproductive toxicity to the State's Qualified Experts listing mechanism: <ul style="list-style-type: none"> <li>▪ 2-Chloropropionic acid</li> <li>▪ n,n'-Dimethylacetamide</li> <li>▪ 4-Vinylcyclohexene</li> <li>▪ Vinyl cyclohexene dioxide</li> </ul> Effective 12/20/2013.  <b>These substances typically are used in chemical production.</b>	
CA121313-7	Toxic Substances Proposition 65– Diisononyl Phthalate	12/12/2013	<a href="#">OEHHA Website</a>	Final Rule	Office of Environmental Health Hazard Assessment Chemical Listed Effective December 20, 2013 as Known to the State of California to Cause Cancer: Diisononyl Phthalate [27 CCR 25305]  Adds diisononyl phthalate to the list of chemicals known to the state to cause cancer under the State's Qualified Experts listing mechanism. Effective 12/20/2013.  <b>Diisononyl phthalate is used as a plasticizer.</b>	

## 2.2.1 California Air Districts Regulatory Review

### 2.2.1.1 Antelope Valley Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [Antelope Valley Air Quality Management District](#).

### 2.2.1.2 Bay Area Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [Bay Area Air Quality Management District](#).

### 2.2.1.3 Eastern Kern Air Pollution Control District

No regulatory items of interest were identified during this reporting period for the [Eastern Kern Air Pollution Control District](#).

### 2.2.1.4 Mojave Desert Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [Mojave Desert Air Quality Management District](#).

### 2.2.1.5 South Coast Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations for the [South Coast Air Quality Management District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAS121313-1	Air Coatings	12/13/2013	<a href="#">SCAQMD Website</a>	Notice	<p>South Coast Air Quality Management District Adhesive and Sealant Applications [Rule 1168]</p> <p><a href="#">Solicits information</a> in preparation of a draft environmental assessment and initial study of the <a href="#">proposed amended rule 1168</a>, which would include the following:</p> <ul style="list-style-type: none"> <li>▪ Amending VOC content limits for certain adhesives and sealants.</li> <li>▪ Establishing new categories and VOC content limits</li> <li>▪ Expanding rule applicability.</li> <li>▪ Revising certain definitions.</li> <li>▪ Establishing labeling requirements.</li> <li>▪ Removing or limiting certain exemptions.</li> </ul> <p><a href="#">Preliminary Draft Staff Report</a> is available for review. Public hearing is tentatively scheduled for 06/06/2014. Comments due 01/16/2014.</p>	<a href="#">NASA Programs and related operations</a> should be aware of this action.

### 2.2.1.6 Ventura County Air Pollution Control District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations for the [Ventura County Air Pollution Control District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAV121313-1	Air	12/03/2013	<a href="#">VCAPCD Website</a>	Proposed Rule	<p>Ventura County Air Pollution Control District Sulfur Compounds [Rule 54]; Permit Fees [Rule 42]</p> <p>Proposes the following amendments:</p> <ul style="list-style-type: none"> <li>▪ Add 2010 SO<sub>2</sub> NAAQS of 75 ppb SO<sub>2</sub> as a ground or sea level concentration limit.</li> <li>▪ Provide compliance demonstration options based on design of equipment units.</li> <li>▪ Clarify SO<sub>2</sub> combustion emission limit calculations on a dry basis and corrected for oxygen content.</li> <li>▪ Clarify planned flaring excess emission fee calculations for both Rules 54 and 42.</li> </ul> <p>Proposed revisions to <a href="#">Rule 54</a> and <a href="#">Rule 42</a>, as well as the <a href="#">Final Staff Report</a>, are available for review. <a href="#">Public hearing</a> is scheduled for 01/14/2014 in Ventura, California.</p>	

## 2.3 Florida State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Florida](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL121313-1	Radiation	12/03/2013	<a href="#">FAR Notice #13891096</a>	Proposed Rule Correction	<p>Department of Health</p> <p>Control of Radiation Hazards [Chapter 64E-5, F.A.C.]</p> <p>Corrects proposed rule (<a href="#">FAR Notice #12899465</a>, 04/19/2013) and correction notice (<a href="#">FAR Notice #13845409</a>, 11/20/2013) to take into consideration legal requirements related to publication of copyrighted materials and adds omitted references for certain rules, including Purpose and Scope [Chapter 64E-5.1501, F.A.C.] and Transportation of Radioactive Material [Chapter 64E-5.1502, F.A.C.].</p>	
FL121313-2	Remediation	12/03/2013	<a href="#">FAR Notice #13846282</a>	Proposed Rule Change	<p>Department of Environmental Protection</p> <p>Contaminated Site Cleanup Criteria [Chapter 62-780, F.A.C.]</p> <p>Changes proposed rule (<a href="#">FAR Notice #13396396</a>, 09/13/2013) to clarify and update the following:</p> <ul style="list-style-type: none"> <li>▪ Applicability of Referenced Guidelines.</li> <li>▪ References for toxicity and exposure information.</li> <li>▪ Site assessment soil sampling procedure.</li> <li>▪ Risk assessment requirements.</li> </ul>	
FL121313-3	Waste Hazardous Waste	11/27/2013	<a href="#">FAR Notice #13894491</a> ; <a href="#">FAR Notice #13894588</a>	Final Rule	<p>Department of Environmental Protection</p> <p>Definitions [Chapter 62-730.20, F.A.C.]; Identification of Hazardous Waste [Chapter 62-730.30, F.A.C.]</p> <p>Finalizes rule to incorporate by reference changes to the federal hazardous waste regulations specific to the addition of definitions for the following terms:</p> <ul style="list-style-type: none"> <li>▪ "No free liquids"</li> <li>▪ "Solvent-contaminated wipe"</li> <li>▪ "Wipe"</li> </ul> <p>Effective 11/27/2013.</p>	
FL121313-4	Water Wetlands	12/04/2013	<a href="#">FAR Notice #13888671</a>	Notice Workshop	<p>Department of Environmental Protection</p> <p>Uniform Mitigation Assessment Method [Chapter 62-345, F.A.C.]</p> <p>Announces a workshop to discuss the status of technical workgroups actively developing the amendments that would:</p> <ul style="list-style-type: none"> <li>▪ Clarify use of preservation as mitigation.</li> <li>▪ Assess wetland functions provided by surrounding upland communities.</li> <li>▪ Assess location and landscape support functions.</li> <li>▪ Clarify time-lag and risk factor determinations.</li> <li>▪ Classify altered and artificial sites.</li> <li>▪ Clarify method for assessing seagrass, hard-bottom and other submerged communities.</li> </ul> <p>Additional information is available on the FDEP <a href="#">website</a> and the UMAM <a href="#">website</a>. Workshop is scheduled for 12/19/2013 as a <a href="#">webinar</a>.</p>	

## 2.4 Louisiana State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Louisiana](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
LA121313-1	Air	12/20/2013	<a href="#">AQ341</a>	Final Rule	<p>Louisiana Department of Environmental Quality</p> <p>Standards of Performance for Biomedical Waste Incinerators[LAC 33:III.2511], Notification of Start-up, Testing, and Monitoring [LAC 33:III.5113]; Area Sources of Toxic Air Pollutants Reporting Requirements [LAC 33:III.5308]</p> <p><a href="#">Finalizes</a> changes to existing air regulations to remove repetitive and outdated text. Effective 12/20/2013.</p>	

## 2.5 Maryland State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Maryland](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MD121313-1	Air SIP	12/06/2013	<a href="#">78 FR 73442 HTML   PDF</a>	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Air Quality Implementation Plans; Maryland; State Boards Requirements [40 CFR Part 52]</p> <p>Direct final rule approves revision to the Maryland SIP that addresses the State Boards' requirements for federal criteria pollutants. Effective 02/04/2014. Comments due 01/06/2014.</p>	
MD121313-2	Hazardous Materials	12/13/2013	<a href="#">40:25 Md.R. 2137</a>	Proposed Rule	<p>Department of State Police</p> <p>Hazardous Material Security [COMAR 29.01.04]</p> <p>Proposes regulations summarizing procedures for enforcing compliance with the Hazardous Material Security Act. Regulations establish procedures for the notice of violations, enforcement, and appeal and hearing process regarding hazardous material security. Comments due 01/13/2014.</p>	
MD121313-3	Water	12/13/2013	<a href="#">40:25 Md.R. 2107</a>	Proposed Rule	<p>Department of the Environment</p> <p>Water Pollution [COMAR 26.08.01 and 26.08.04]</p> <p>Proposes to revise water quality standards resulting from the Triennial Review process. Revisions include the following:</p> <ul style="list-style-type: none"> <li>▪ Add definition of "Use Class."</li> <li>▪ Correct error in description of Water Quality Standards.</li> <li>▪ Update numeric toxics criteria.</li> <li>▪ Change the term "Use" to "Class."</li> <li>▪ Update list of Tier II waters.</li> <li>▪ Amend designated uses.</li> <li>▪ Standardize waterbody location coordinate system.</li> </ul> <p>Public meeting is scheduled for 01/07/2014 in Baltimore, Maryland. Comments due 01/13/2014.</p>	

## 2.6 Mississippi State Regulatory Review

No regulatory items of interest were identified during this reporting period for [Mississippi](#).

## 2.7 New Mexico State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [New Mexico](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
NM121313-1	Air SIP	12/11/2013	<a href="#">78 FR 75253 HTML</a>   <a href="#">PDF</a>	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Prevention of Significant Deterioration Greenhouse Gas Plantwide Applicability Limit (PAL) Permitting Revisions [40 CFR Part 52]</p> <p>Finalizes the following revisions of 20.2.74 NMAC:</p> <ul style="list-style-type: none"> <li>Adopt PSD PALs when issuing PALs to GHG sources.</li> <li>Approve SIP revision to the New Mexico PSD permitting program as meeting federal requirements.</li> <li>Take no action regarding the SIP revision related to the GHG Biomass Deferral Rule.</li> </ul> <p>Effective 01/10/2014.</p>	<a href="#">WSTF</a> should be aware of this action.

## 2.8 Ohio State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Ohio](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH121313-1	Air SIP-PM <sub>2.5</sub>	12/13/2013	<a href="#">DAPC - What's New</a>	Notice	<p>Division of Air Pollution Control, Ohio Environmental Protection Agency</p> <p>Draft Recommendation of PM<sub>2.5</sub> Non-Attainment Areas</p> <p><a href="#">Announces</a> submittal of the OEPA's draft recommendations of NAAs for the 2012 annual PM<sub>2.5</sub> standard for EPA review.</p> <p><a href="#">Cuyahoga County is included in the list of recommended NAAs.</a></p>	<a href="#">GRC</a> should be aware of this action.

## 2.9 Texas State Regulatory Review

No regulatory items of interest were identified during this reporting period for [Texas](#).

## 2.10 Utah State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Utah](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
UT121313-1	Species Least Chub	12/10/2013	<a href="#">78 FR 74159 HTML</a>   <a href="#">PDF</a>	Notice	<p>U.S. Fish and Wildlife Service</p> <p>Programmatic Candidate Conservation Agreement With Assurances for Least Chub Receipt of Application for Enhancement of Survival Permit</p> <p>Announces the following:</p> <ul style="list-style-type: none"> <li>Receipt of application, including a <a href="#">proposed CCAA</a>, for an enhancement of survival permit for the least chub species.</li> <li>Preliminary determination that the permit and CCAA are eligible for NEPA categorical exclusion.</li> </ul> <p>Comments due 01/09/2014.</p> <p><a href="#">NEPA categorical exclusion would waive EA and EIS requirements.</a></p>	<a href="#">NASA-related operations in Utah</a> should be aware of this action.

## 2.11 Virginia State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Virginia](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA121313-1	Air NSPS	12/03/2013	<a href="#">78 FR 72609 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of State Air Quality Plans for Designated Facilities and Pollutants; Commonwealth of Virginia; Control of Emissions from Existing Sewage Sludge Incinerator (SSI) Units [40 CFR Part 62]  Proposes to approve VDEQ's Section III(d)/129 plan for SSI units, submitted in response to promulgation of federal NSPS and emission guidelines requirements for SSI units ( <a href="#">76 FR 15371</a> , 03/21/2011). Comments due 01/02/2014.	
VA121313-2	Air NSR	12/06/2013	<a href="#">Virginia Regulatory Town Hall website</a>	Notice	Virginia Department of Environmental Quality Major New Source Review [9VAC5-80]  Announces receipt of a <a href="#">petition</a> requesting the following regulatory amendments, which are intended to make the Virginia regulation no more stringent than federally required: <ul style="list-style-type: none"> <li>Amend the definition of "baseline actual emissions" to conform with the federal definition.</li> <li>Amend the definition of "emissions unit" and add a definition of "replacement unit."</li> </ul> Comments due 01/29/2014.	
VA121313-3	Water Surface Water	12/16/2013	<a href="#">30:8 V.A.R. 1147-1148</a>	Notice	Virginia Department of Environmental Quality Citizen Nomination of State Surface Waters for Water Quality Monitoring  Solicits nominations of water bodies or stream segments to be included in VDEQ's Water Quality Monitoring Plan for the 2015 calendar year. Nominations due 04/30/2014.  <a href="#">Additional information is available at VDEQ's website.</a>	
VA121313-4	Water Wastewater	12/16/2013	<a href="#">30:8 V.A.R. 1137-1144</a>	Proposed Rule	Board for Waterworks and Wastewater Works Operators and Onsite Sewage System Professionals, Virginia Department of Professional and Occupational Licensing  Board for Waterworks and Wastewater Works Operators and Onsite Sewage System Professionals Regulations [18VAC16-20]  Proposes revisions, including amendments to the following: <ul style="list-style-type: none"> <li>Definitions of "direct supervisor" and "direct supervision" to allow licensed individuals to supervise the work of unlicensed individuals.</li> <li>Requirements for individual sewage system installer license to reflect current industry procedures consistent with the Virginia Department of Health.</li> <li>Qualification requirements for obtaining an individual sewage system installer license.</li> </ul> Comments due 02/14/2014.	<a href="#">WFF</a> should be aware of this proposed rule.